BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :- Providing Water Supply UGD and Other Developmental works to Allalsandra Swimming Pool in Ward No. 04

Sl. No	Descriptions	Date of Measurement	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
18	Fabrication supply an erecting MS tubular trusses of all spans as per approved drawing and design with prefabricated Steele structural welding code quality shall be various parameters like shape size design gauge polish . The entire trusses is anchored in RCc column by using 4 no of MS anchor bolts at each support with 10mm thick Base plate and shoe plate . The work includes cutting, straightening placing in position of MS pipes and welding wherever necessary and applying one coat of redoxide primers coat to all the members including all the cost of all materials labor charges and hire charges of machinery for cutting welding grinding and erection equipments with all lead and lift , transportation etc complete as per specifications Item no 7.29 page no 43 PWD SR 2018-19		Kgs				Total length	Unit weight			
	Truss pipes										
	support pipes			2	11	5.20	114.40	18.14	2075.22		
				1	11	0.60	6.60	10.25	67.65		
				1	11	0.55	6.05	10.25	62.01		
				1	11	0.50	5.50	10.25	56.38		
				1	11	0.45	4.95	10.25	50.74		
				1	11	0.40	4.40	10.25	45.10		
				1	11	0.35	3.85	10.25	39.46		
				1	11	0.30	3.30	10.25	33.83		
				11	5	1.20	66.00	10.25	676.50		
				1	11	1.90	20.90	10.25	214.23		
				1	11	1.00	11.00	10.25	112.75		
	Base plates										
	side plates for holding the stub pipes			4	11	0.60	0.30	188.40	1492.13		
	Plates above the base plate			6	11	0.30	0.30	23.55	139.89		
	Grouting bolts 75mm			2	11	0.30	0.55	43.17	156.71		
	45mm			6	11	75.00	2.00	2.00	132.00		
	Purlins			6	11	45.00	2.00	2.00	132.00		
	Stub tublar pipes 220mmdia			1	7	52.00	364.00	17.22	6268.08		
	Extra pipea both end sides			2	11	2.20	48.40	41.80	2023.12		
				3	2	4.80	28.80	8.50	244.80		
	Cleat angles 100mmx100mmx6mm			2	6	2.35	28.20	8.50	239.70		
				7	11	0.12	8.99	15.00	134.79		
								Total Qty	**14397.06**	**126.00**	**1814029.56**

Checked

20/3/20

Contractor

Asst. Engineer 19/3/2020

Asst. Exec. Engineer

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It. No	Descriptions	Date of Measurement	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
19	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work									
			Sqm							
	Gallery roofing			1	1	52.00	6.00		312.00		
								Total Qty	**312.00**	**750.00**	**234000.00**

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NAME OF WORK :- Providing Water Supply UGD and Other Developmental works to Allalsandra Swimming Pool in Ward No. 04

It. No	Descriptions	Date of Measurement	Unit	No		Length	Breadth	Depth	Quantity	Rate	Amount
20	Providing Skirting, Dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over roughj plaster surface (excluding cost of rough plastered surface which should be measured and paid separetely) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. 15x15 cms 6mm thick including all lead and lift complete as per the direction of engineer in charge.item no14.41.1 page no 108 PWD SR 2018-19										
	Shower area		Sqm								
	Pool Area side			1		2.10		2.70	5.67		
	Retaing wall side			1		14.10		2.70	38.07		
	Front side			1		5.10		2.90	14.79		
	Inside ladies change rooms										
				1		5.70		1.60	9.12		
				1		5.40		1.60	8.64		
				1		1.50		1.60	2.40		
				1		5.90		1.60	9.44		
				8		0.10		1.60	1.28		
				1		3.85		1.60	6.16		
				1		6.00		1.60	9.60		
				1	7	0.70		1.60	7.84		
				1		6.45		1.60	10.32		
	inside toilets rooms			8	2	1.45		1.60	37.12		
				8	2	1.45		1.60	37.12		
	Deduction										
	openings			-2	8	0.7		1.6	-17.92		
	Gents change room										
				1		5.60		1.60	8.96		
				1		3.55		1.60	5.68		
				1		3.55		1.60	5.68		
				1		6.25		1.60	10.00		
				1		5.15		1.60	8.24		
				1		6.45		1.60	10.32		
				1		3.70		1.60	5.92		
				1		5.95		1.60	9.52		
				1		4.35		1.60	6.96		
				1		12.30		1.60	19.68		
				24		0.10		1.60	3.84		
				1		7.30		1.60	11.68		
				12	2	1.40		1.60	53.76		
				12	2	1.40		1.60	53.76		
				1.0		1.80		1.60	2.88		
				1.0		6.10		1.60	9.76		
				24.0		0.10		1.60	3.84		
	Deduction								0.00		
	Window			-1.0		2.05		1.05	-2.15		
	doors opening			-12.0		0.70		1.60	-13.44		
								Total Qty	**394.54**	**1500.00**	**591750.00**

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It. No	Descriptions	Date of Measurement	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
21	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.										
			Sqm	1	11	0.75		2.10	17.33		
								Total Qty	**17.33**	**6900.00**	**119542.50**

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NAME OF WORK :- Providing Water Supply UGD and Other Developmental works to Allalsandra Swimming Pool in Ward No. 04

It. No	Descriptions	Date of Measurement	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
22	KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grovesection 2.683 kg/m and bottom 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be throughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section Powdered coated to 60 - 70 microns. (P.No. 37, I.No. 7.14.2 of PWD SR 2018-19)										
			Sqm								
	Gents side main			1	1	12.10	3.20		38.72		
				1	1	6.40	3.20		20.48		
	Partition			1	6	1.85	2.90		32.19		
				1	4	1.75	2.90		20.30		
	Ladies side main			1	1	5.70	3.20		18.24		
				1	1	4.40	3.20		14.08		
	Partition			1	3	1.60	2.90		13.92		
				1	3	1.60	2.90		13.92		
	Deduct Door Qty								-17.33		
	Office Room Entry			1	1	3.20	3.00		9.60		
				1	2	2.00	2.70		10.80		
	Office Room			1	1	4.40	2.80		12.32		
	Below stairs			0.5	1	1.80	1.40		1.26		
								Total Qty	**188.51**	**5120.00**	**965145.60**
								Total			**4416537.66**
								GST 12%			**529984.52**
								Grand Total			**4946522.18**

Contractor

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